CLAIM AMENDMENTS

Please amend claims 1, 7-9, 14-16, and 19 as follows:

Claims as Amended

1. (currently amended) A business telecommunication system capable of connecting wireless mobile stations and wired stations located at a plant to avoid signal communication degradation with relatively higher signal reflecting areas within the plant, the system comprising:

a base station to which said wireless mobile stations are connected, said base station being installed at said plant,

a private branch exchange to which said wired stations are connected, said private branch exchange being installed at said plant,

at least two dedicated lines, at least one line of said at least two dedicated lines connecting said base station with a public switched telephone network, another at least one line of said at least two dedicated lines connecting said public switched telephone network with said private branch exchange,

a plurality of antennas associated with said base station to connect said wireless mobile stations to said base station, and

whereby a wireless communication signal multipath can be eliminated, and reliable communication can be attained in circumstances of communication with relatively higher shielded signal reflecting areas at the plant.

2. (original) The system as claimed in claim 1, further comprising software means for creating a unique full network number for any of said wireless mobile and wired stations, whereby a connection between said wireless mobile stations and between one of said wireless mobile station and one of said wired stations, no matter whether said wireless mobile stations are at the plant at the moment of establishing the connection, can be set up by using their abbreviated intraplant numbers.

3. (original) The system as claimed in claim 2, wherein said software means are incorporated in said base station and said private branch exchange.

4. (original) The system as claimed in claim 1, wherein said antennas are low power antennas.

5. (original) The system as claimed in claim 1, wherein said at

least two dedicated lines are of E1 type.

6. (original) The system as claimed in claim 1, wherein said base station is a Global System Mobile base station.

7. (currently amended) The system as claimed in claim 6, wherein said base station ~~is of Ericsson RBS 2205 type~~ employs frequency division duplex and time division multiple access with dynamically controlled transmitting power.

8. (currently amended) The system as claimed in claim 1, wherein said private branch exchange ~~is of a Siemens Hicom 300 family~~ comprises greater than about 240 communication ports.

9. (currently amended) A telecommunication system capable of connecting wireless mobile stations and wired stations located at a semiconductor manufacturing plant under the circumstances of communication with relatively higher signal reflecting ~~shielded~~ areas ~~of clean rooms~~ within said plant while avoiding communication signal degradation, the system comprising:

a base station to which said wireless mobile stations are connected, said base station being installed at said plant,

a private branch exchange to which said wired stations are connected, said private branch exchange being installed at said plant,

at least two dedicated lines, at least one line of said at least two dedicated lines connecting said base station with a public switched telephone network, another at least one line of said at least two dedicated lines connecting said public switched telephone network with said private branch exchange,

a plurality of antennas associated with said base station to connect said wireless mobile stations to said base station,

software means for creating a unique full network number for any of said wireless mobile and wired stations,

whereby a wireless communication signal multipath can be eliminated, and reliable communication can be attained in circumstances of shielded communication with relatively higher signal reflecting areas at the plant, and

whereby a connection between said wireless mobile stations

and between one of said wireless mobile station and one of said wired stations, no matter whether said wireless mobile stations are at the plant at the moment of establishing the connection, can be set up by using their abbreviated intraplant numbers.

10. (original) The system as claimed in claim 9, wherein said software means are incorporated in said base station and said private branch exchange.

11. (original) The system as claimed in claim 9, wherein said antennas are low power antennas.

12. (original) The system as claimed in claim 9, wherein said at least two dedicated lines are of E1 type.

13. (original) The system as claimed in claim 9, wherein said base station is a Global System Mobile base station.

14. (currently amended) The system as claimed in claim 13, wherein said base station ~~is of Ericsson RBS 2205 type~~ employs frequency division duplex and time division multiple access with

dynamically controlled transmitting power.

15. (currently amended) The system as claimed in claim 9, wherein said private branch exchange ~~is of a Siemens Hicom 300 family~~ comprises greater than about 240 communication ports.

16. (currently amended) A telecommunication system capable of connecting wireless mobile stations and wired stations located at a semiconductor manufacturing plant under the circumstances of ~~shielded~~ communication with relatively higher signal reflecting areas ~~of clean rooms~~ within said plant while avoiding communication signal degradation, the system comprising:

a base station to which said wireless mobile stations are connected, said base station being installed at said plant,

a private branch exchange to which said wired stations are connected, said private branch exchange being installed at said plant,

at least two dedicated lines, at least one line of said at least two dedicated lines connecting said base station with a public switched telephone network, another at least one line of said at least two dedicated lines connecting said public switched

telephone network with said private branch exchange,

a plurality of low power antennas associated with said base station to connect said wireless mobile stations to said base station,

software means for creating a unique full network number for any of said wireless mobile and wired stations,

whereby a wireless communication signal multipath can be eliminated, and reliable communication can be attained in circumstances of ~~shielded~~ communication with relatively higher signal reflecting areas at the plant, and

whereby a connection between said wireless mobile stations and between one of said wireless mobile station and one of said wired stations, no matter whether said wireless mobile stations are at the plant at the moment of establishing the connection, can be set up by using their abbreviated intraplant numbers.

17. (original) The system as claimed in claim 16, wherein said software means are incorporated in said base station and said

private branch exchange.

18. (original) The system as claimed in claim 16, wherein said at least two dedicated lines are of E1 type.

19. (currently amended) The system as claimed in claim 16, wherein said base station is a Global System Mobile base station ~~of Ericsson RBS 2205 type~~ comprising frequency division duplex and time division multiple access with dynamically controlled transmitting power.

20. (original) The system as claimed in claim 16, wherein said private branch ~~exchange is of a Siemens Hicom 300 family~~ comprises greater than about 240 communication ports.